



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE USA/0744/S-96, REVISION 1

East Building, PHH-23
1200 New Jersey Avenue SE
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

1. Source Identification - Eckert & Ziegler Isotope Products (formerly North American Scientific, Inc.) Model IND1403.
2. Source Description - Cylindrical single encapsulation made of either Type 304 or Type 316L stainless steel and fusion seal welded. Approximate outer dimensions are 2.97 mm (0.12 in.) in diameter and 5.08 mm (0.2 in.) in length. Minimum wall thickness is 0.25 mm (0.01 in.). Construction shall be in accordance with attached North American Scientific Drawing No. 1403, Rev. -, Sheet 1 of 1.
3. Radioactive Contents - No more than 1.11 GBq (30.0 mCi) of Cobalt-57. The Co-57 is in the form of a cobalt chloride on a solid resin bead.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on September 30, 2011. On December 31, 2008, this certificate supersedes all previous revisions of USA/0744/S-96.

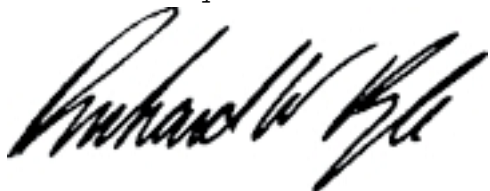
¹ "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100-199, United States of America.


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This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the September 03, 2008 petition by Eckert & Ziegler Isotope Products, Valencia, CA, and in consideration of other information on file in this Office.

Certified By:



Sep 26 2008

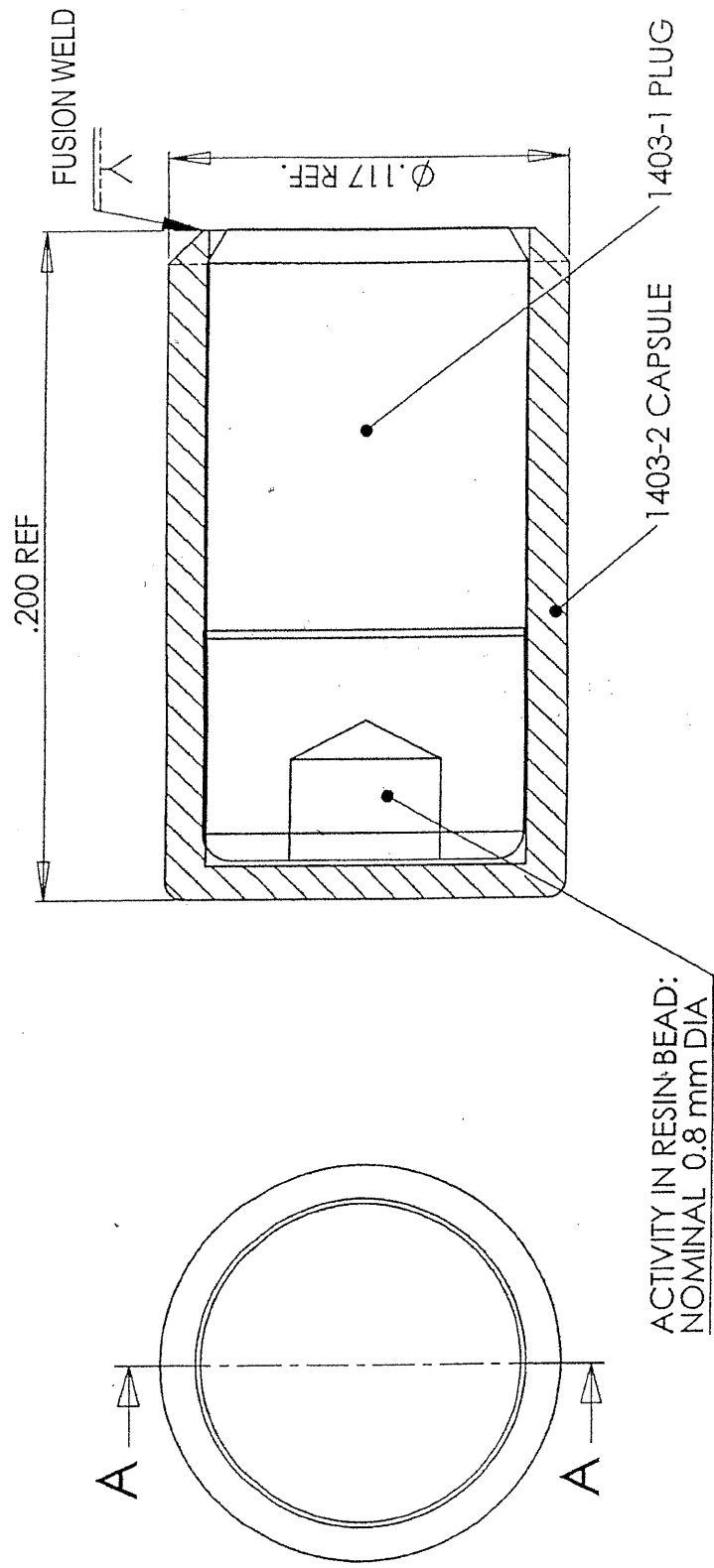
 Robert A. Richard

(DATE)

Deputy Associate Administrator for Hazardous Materials Safety

Revision 1 - Issued to update corporate ownership and seal welding technique and to revise attached drawing.

REVISIONS		DATE	APPROVED
ZONE	REV.		



PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NASIS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NASIS IS PROHIBITED.		MATERIAL DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1/2^\circ$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$		SIZE WT NAME DATE M.A.R. 08/11/06		SPECIFICATIONS 	
		MATERIAL FINISH 63 RMS DO NOT SCALE DRAWING		COMMENTS: Q.A. MFG APPR. ENG APPR. CHECKED DRAWN		TITLE ASSEMBLY IND1403 SIZE DWG. NO. 1403 REV. 1 SCALE 20:1 WEIGHT: SHEET 1 OF 1	



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